Index of Claims

| Application/Control No | ion/Control No. |
|------------------------|-----------------|
|------------------------|-----------------|

10/523,118

Examiner

Laura L. Stockton, Ph.D.

Applicant(s)/Patent under Reexamination

COURTNEY ET AL.

Art Unit

1626

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim      |  |           |          |          | ate      | =        |          |                 |          |      | Cla         | im       |          |         | D  | ate      |         |  | ]                  | C           | aim        |               | Ţ,                |                 | ate      |               | _       |
|-------|----------|--|-----------|----------|----------|----------|----------|----------|-----------------|----------|------|-------------|----------|----------|---------|--|----------|---------|--|--------------------|-------------|------------|---------------|-------------------|-----------------|----------|---------------|---------|
| Final | Original | of Files   | -         |          |          |          |          |          |                 |          |      | Final       | Original |          |         |  |          |         |  |                    | Final       | Original   |               |                   |                 |          |               |         |
|       | (1)      | +  |           |          |          |          |          |          |                 |          |      |             | 51       |          |         |  |          |         |  |                    |             | 101        |               |                   |                 |          |               |         |
|       | 2        | П  |           |          |          |          |          |          |                 |          | ÷ [  |             | 52       |          | $\perp$ |  | $\Box$   |         |  |                    |             | 102        |               |                   |                 |          |               |         |
|       | 3        | Ц  |           |          |          |          |          |          |                 |          |      |             | 53       | _        |         | Ш  | $\perp$  | $\perp$ | $\sqcup \bot$                                    |                    |             | 103        |               |                   |                 |          | $\perp$       |         |
|       | 4        | Ц  | Щ         | _        |          |          |          | Ш        | Ц               | _        |      |             | 54       | _        |         | $\sqcup \sqcup$                                  | $\bot$   |         | Ш.   | _                  |             | 104        |               | L                 |                 |          |               |         |
|       | 5        | Ц  | Щ         | _        | _        |          | _        | Щ        | Ц               | ᆜ        |      |             | 55       | _        |         | $\sqcup$   | _        |         |  | _                  | <u> </u>    | 105        |               | $\perp$           | Ш               | _        | $\bot$        | 1       |
|       | 6        | Н  | Ш         | -        | _        |          | <u> </u> | Ш        | Н               | _        |      |             | 56       |          | 4       | $\sqcup$   | 4        | -       | $\vdash$   |                    | <u> </u>    | 106        |               | $\perp$           | Ш               | _        |               | ₩       |
|       | 7        | Н  | Н         | 4        | $\dashv$ | $\Box$   |          | $\vdash$ |                 | $\dashv$ | la i |             | 57       |          |         | -  | +        | -       | $\vdash \vdash$                                  | 41.                | <u> </u>    | 107        | $\dashv$      | $\vdash$          | Н               | _        | -             | $\perp$ |
|       | 8        | H  |           |          |          |          |          | -        | $\vdash$        | 괵        |      |             | 58       |          | +       | $\vdash$   | +        | -       | $\vdash$   | 48.                |             | 108        | -             | $\vdash$          |                 | $\dashv$ | -             | —       |
|       | 9        | +  | $\vdash$  | $\dashv$ | -        | $\dashv$ |          | Н        | $\vdash$        | $\dashv$ |      |             | 59       |          |         | $\vdash$   | +        | +-      |  | 46                 |             | 109        |               | +                 | $\dashv$        | _        |               | ┯       |
|       | 44       | -  | $\vdash$  | $\dashv$ | -        | $\dashv$ |          | Н        | $\dashv$        | $\dashv$ |      |             | 60       |          | +       | H  | -        |         | -  | -130               | <u> </u>    | 110        | _             | +                 | Н               |          | +             | ₩       |
|       | 11       | +  | Н         | -+       |          |          |          | $\vdash$ |                 | $\dashv$ |      |             | 61       | +        |         |  | +        | +       | ├  | -                  | <u> </u>    | 111        |               | $\vdash$          | $\vdash$        | -+       | +             | ╄-      |
|       | 12<br>13 | +  |           | ┥        | $\dashv$ | $\dashv$ |          | Н        |                 | $\dashv$ | .    |             | 62       |          | +       | ++   | +        | +       | $\vdash \vdash$                                  | $\exists \tau$     | $\vdash$    | 112        | +             | -                 | $\vdash$        | $\dashv$ | -             | +       |
|       | 13       | +  |           | -+       |          |          |          | H        | $\vdash \vdash$ |          |      |             | 63<br>64 |          | -       | $\vdash$   | +        |         |  | -(1.               | <del></del> | 113<br>114 | +-            | +                 | $\vdash \vdash$ | +        | +             | +       |
|       |          | $\vdash$   |           |          | $\dashv$ |          |          | $\vdash$ | $\vdash$        | $\dashv$ | L    |             | 65       |          | +       | $\vdash$   | +        |         | $\vdash$   | 3.1.               | <u> </u>    | 114        | +             | +                 | $\vdash \vdash$ | +        | +             | +       |
|       |          |  | $\vdash$  | $\dashv$ |          |          | -        | Н        | $\vdash$        | -        |      |             | 66       | -+-      | +       | +  | +        | +       | $\vdash$   | -                  |             | 116        |               | +                 | $\vdash$        | -        | +             | +       |
|       |          | ┡  |           | $\dashv$ | $\dashv$ | -        |          | Н        | $\dashv$        | $\dashv$ | 17   |             | 67       | -        | +       | ╁  | +        | -       | $\vdash$   | -#                 |             | 117        |               | +                 | Н               |          | +             | ╁       |
|       | 13       | +  | -         | -+       |          | -        | -        | Н        | $\dashv$        | -        |      |             | 68       |          | _       | $\vdash$   | +        | ╫       | $\vdash$   | -16                | -           | 118        |               | ┨                 | $\vdash$        |          | +             | +       |
|       | (19)     | li   |           | $\dashv$ |          | $\dashv$ | -        | Н        | $\dashv$        | $\dashv$ |      |             | 69       |          | +       | ╁╌┼  | -        | +       | $\vdash$   | - 201              |             | 119        |               | +                 | $\vdash$        | $\dashv$ |               | +-      |
|       | (20)     | ++   | $\vdash$  |          | $\dashv$ | $\dashv$ |          | Н        | $\dashv$        | _        | 1.1  |             | 70       | $\dashv$ | -       | ╁╌╁  | +        | +       |  | +                  |             | 120        | +-            | ╆┤                | $\vdash$        | $\dashv$ | -             | ╁       |
|       | (2)      | H  | $\vdash$  | $\dashv$ | $\dashv$ |          |          | $\vdash$ | $\vdash$        | $\dashv$ |      |             | 71       |          | -       | $\vdash$   | +        | +       | $\vdash$   |                    |             | 121        |               | +                 | $\vdash$        |          | +             | ┿       |
|       | 22       | Н  | $\vdash$  | +        |          | $\dashv$ |          | Н        | $\vdash$        | $\dashv$ | day. |             | 72       | +        | +-      | ╁╌┼  | +        | +       | <del>                                     </del> | -                  | <u> </u>    | 122        | +             | +-1               | $\vdash$        | $\dashv$ | $\dashv$      | +       |
|       | (23)     | H  | $\vdash$  | $\dashv$ |          |          |          | Н        | $\dashv$        | $\dashv$ |      | -           | 73       |          | +       | -  | +        | +       | $\vdash$   |                    | -           | 123        | +             | +                 |                 | -+       |               | ╁       |
|       | 24       | $\mathbf{H}$                                     | -         | -        | $\dashv$ | $\dashv$ |          | Н        | $\dashv$        | 一        |      |             | 74       |          | +-      | $\vdash$   | +        | +       | ┝╌┼╴   |                    |             | 124        |               | ╁┈┤               | $\dashv$        | $\dashv$ | +             | +       |
|       | 25       | H  | Н         | $\dashv$ | $\dashv$ | 一        |          | Н        | -               |          | -    |             | 75       | +        | ╁       | $\vdash$   | +        | +-      | ┞╌┼╼   | -                  | $\vdash$    | 125        | +-            | +                 | $\dashv$        | -+       |               | ╁       |
|       | 26       | Н  | $\dashv$  | $\dashv$ | $\dashv$ | ⊣        |          | Н        | -               |          | -    |             | 76       | +        | +-      | H  | +        | +       | ┝┈┼╴   | -                  | <u> </u>    | 126        |               | Н                 | $\dashv$        | +        | +             | ╁       |
|       | 27       | +  | $\dashv$  | +        |          | -        |          | Н        | $\dashv$        | ᅱ        | -    |             | 77       |          | +       | H  | +        | +       | <del></del>                                      | <del>ا</del> لله ا | ├           | 127        | -             | ╁╌┤               | $\dashv$        | -+       | ┰             | ╁       |
|       | 28       | -  | -         | -        |          |          |          | Н        | $\dashv$        | $\dashv$ |      |             | 78       |          | +       | $\vdash$   | -        | +       | -  | 14.                |             | 128        | -             | +                 | $\vdash$        | -+       |               | ╁       |
|       | 29       | <del> </del>                                     | $\dashv$  | $\dashv$ | 一        | $\dashv$ |          | Н        | 1               | ᅥ        |      |             | 79       | +        | +       | $\vdash$   | +        | ┿       | $\vdash$   | 4                  |             | 129        | _             | +                 | $\vdash$        | -+       | ┰             | +       |
|       | 30       | $\vdash$   | -         | $\dashv$ | ┪        | $\dashv$ | $\vdash$ | Н        | $\dashv$        | $\dashv$ | .    | -           | 80       | $\dashv$ | +       | ╁╌┼  | +        | +       | $\vdash$   | 40.                | _           | 130        | +             | +                 | $\vdash$        | -+       |               | +       |
|       | 31       | -  | -         | _        | ┪        | $\dashv$ |          | Н        | 一               | ᅱ        | 34   | -+          | 81       | $\dashv$ | +       | <del>                                     </del> | $\dashv$ | ╁       | $\vdash$   |                    | _           | 131        | ┰             | +                 | $\vdash$        | $\dashv$ | +             | +       |
|       | 32       |  |           | +        | 7        | _        |          | Н        | $\dashv$        | ┪        | - 1  | $\neg \neg$ | 82       |          | +       | $\vdash$   | +        |         |  |                    |             | 132        |               | 1                 | $\vdash$        | $\dashv$ | ╅             | +       |
|       | 33       | $\vdash$   | _         | _        | -        | $\dashv$ |          | Н        |                 | $\neg$   | -    |             | 83       |          | +       | $\vdash$   | +        | +-      | $\vdash$   | 7                  |             | 133        |               | +                 | $\dashv$        | -+       | +-            | +       |
|       | 34       | Н  | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |          | Н        | $\dashv$        | ㅓ        | ŀ    |             | 84       | $\dashv$ | $\top$  | $\vdash$   | +        | +       | $\vdash \vdash$                                  | -04                |             | 134        | +             | $\vdash$          | $\vdash$        | $\dashv$ | +             | +       |
|       | 35       | Г  | $\dashv$  | $\neg$   | 寸        | ┪        |          | Н        | $\dashv$        | $\dashv$ | :    |             | 85       | $\dashv$ | $\top$  |  | $\dashv$ | $\top$  | $\vdash$   |                    |             | 135        | +             | $\Box$            | -               | $\dashv$ | +             | +       |
|       | 36       | T  | $\dashv$  | 十        | 寸        | $\dashv$ |          | $\vdash$ |                 | $\dashv$ | ŀ    |             | 86       |          | +-      | -+   | $\top$   | 十       | - -  | 1                  |             | 136        | _             | +                 | $\dashv$        | $\dashv$ | +             | +       |
|       | 37       |  | $\dashv$  | 寸        | 寸        | $\dashv$ |          |          | $\dashv$        | $\dashv$ |      |             | 87       | $\dashv$ | $\top$  | $\vdash$   | 十        | $\top$  | $\vdash \vdash$                                  |                    |             | 137        | $\dashv$      | $\vdash$          |                 | $\dashv$ | $\dashv$      | 十       |
|       | 38       |  | $\Box$    | 寸        | $\dashv$ | 7        | $\neg$   |          | $\dashv$        | ┪        |      |             | 88       | $\dashv$ | $\top$  | $\vdash$   | +        |         | $\vdash$   |                    | $\vdash$    | 138        | -             | ${}$              | $\vdash$        | +        | $\dashv$      | 十       |
|       | 39       | Г  |           | $\dashv$ | $\neg$   | 7        |          | $\Box$   | 寸               | ᅦ        |      |             | 89       | $\dashv$ | +       | $\Box$   | $\top$   | $\top$  | $\vdash$   | 1                  |             | 139        | $\top$        | $\dagger \dagger$ | $\vdash$        | +        | +             | +       |
|       | 40       | <del>                                     </del> |           | 1        | $\dashv$ | 一        |          | $\Box$   | 寸               | ٦        | -    |             | 90       | _        | $\top$  |  | $\top$   | $\top$  | $\vdash$   | 15                 | <u> </u>    | 140        | $\dashv$      | $\forall$         | $\dashv$        | $\dashv$ | +             | +       |
|       | 41       | <u> </u>   | $\dashv$  | $\dashv$ |          | _        |          | П        | 寸               | $\dashv$ | ı    |             | 91       | 一        | $\top$  |  | $\top$   | $\top$  | $\vdash$   |                    |             | 141        | $\top$        | $\dagger \dagger$ | $\dashv$        | $\dashv$ | $\top$        | +       |
|       | 42       |  | $\exists$ | $\dashv$ | 寸        | ╛        |          | $\Box$   | $\neg$          | 7        | Ì    |             | 92       | $\neg$   | 1       |  | $\top$   |         | -  | 100                |             | 142        |               | 1-1               | $\dashv$        | 十        | $\top$        | $t^{-}$ |
|       | 43       |  | $\Box$    | 丁        |          |          |          |          |                 |          | Ī    |             | 93       |          | $\top$  | $\Box$   | $\top$   | $\top$  |  | 1                  |             | 143        | 1             | $\Box$            | $\dashv$        | $\neg$   | $\top$        | T       |
|       | 44       |  |           |          | ╛        |          | 1        |          |                 |          | ſ    |             | 94       |          |         | $\Box$   | 丁        |         |  | ٦٠.                |             | 144        |               | $\Box$            | $\Box$          | $\top$   | $\top$        | $\top$  |
|       | 45       |  |           |          | ╛        |          |          |          |                 |          | 1    |             | 95       |          | 1       |  | $\top$   |         |  | 7                  |             | 145        | $\neg \vdash$ | 1 1               | $\Box$          | $\top$   | $\top$        | 1       |
|       | 46       |  |           |          | J        |          |          |          |                 |          | ſ    |             | 96       |          |         |  | $\top$   |         |  | 4.                 |             | 146        | $\top$        | Π                 | $\dashv$        | 十        | $\top$        | $\top$  |
|       | 47       |  |           | $\Box$   | $\Box$   |          |          |          |                 | $\Box$   | Γ    |             | 97       |          |         |  |          |         |  | 7                  |             | 147        |               | П                 | $\Box$          | $\dashv$ | $\neg \vdash$ | Т       |
|       | 48       |  |           |          |          |          |          |          |                 | $\Box$   | ۱ [  |             | 98       |          | T       |  | $\top$   |         |  |                    |             | 148        | 1             | $\Box$            |                 | 十        | 丅             | $\top$  |
|       | 49       |  |           | $\Box$   | $\Box$   | $\Box$   |          |          | T               | $\Box$   | - [  |             | 99       |          | $\Box$  |  | $\top$   |         |  | 13                 |             | 149        |               | П                 | $\Box$          | +        | $\top$        | Т       |
|       | 50       |  | T         | П        | T        | T        |          | П        | Т               | $\neg$   | ı    |             | 100      | $\top$   | 1       |  | T        |         |  | 7                  |             | 150        |               | $\sqcap$          | $\neg$          | $\neg$   | $\neg$        |         |